

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371ATTORNEY DOCKET NUMBER  
TIC-0081U.S. APPLICATION NO. (if known) 37 CFR 1.5  
**107519753**INTERNATIONAL APPLICATION NO.  
**PCT/JP03/008004**INTERNATIONAL FILING DATE  
**24 June 2003 (24.06.2003)**PRIORITY DATE CLAIMED  
**28 June 2002 (28.06.2002)**TITLE OF INVENTION **RECEIVER**APPLICANT(S) FOR DO/EO/US **Tsuyoshi KOIKE and Hiroshi MIYAGI**


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4). (**unexecuted**)
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 20. below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.182-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - a copy of form PCT/IB/308 (Notice Informing the Applicant of the Communication of the International Application to the Designated Offices);
  - a copy of the International Search Report (2 sh.)
  - copy of the International Preliminary Examination Report (3 sh.)
  - a return postcard.

EXPRESS MAIL Mailing Label No  
Date of Deposit: **December 28, 2004****EV321474866US**

U.S. APPLICATION NO. <b>10/519753</b> INTERNATIONAL APPLICATION NO. <b>PCT/JP03/008004</b>				ATTORNEY DOCKET NUMBER	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee			<b>\$300.00</b>	<b>\$ 300.00</b>	
<input checked="" type="checkbox"/> b) Examination fee			<b>\$200.00</b>	<b>\$ 200.00</b>	
<input checked="" type="checkbox"/> c) Search fee			<b>\$500.00</b>	<b>\$ 500.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$1000.00</b>	<b>\$1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
<b>40- 100 =</b>	<b>0/50 =</b>	<b>0</b>	<b>X \$250.00</b>	<b>\$0</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
Claims	Number Filed	Number Extra	Rate		
Total claims	<b>9- 20 =</b>	<b>0</b>	<b>X \$50.00</b>	<b>\$0</b>	
Independent Claims	<b>4- 3 =</b>	<b>1</b>	<b>X \$200.00</b>	<b>\$ 200.00</b>	
Multiple dependent claims(s) (if applicable)				<b>+ \$360.00</b>	<b>\$ 0</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,200.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$1,200.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>+</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1,200.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				<b>+</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1,200.00</b>	
				<b>Amount to be:</b>	<b>\$</b>
				<b>refunded</b>	
				<b>charged</b>	<b>\$</b>
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,200.00</b> to cover the above fee is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 23-3050 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
SEND ALL CORRESPONDENCE TO:			SIGNATURE		
<b>Michael P. Dunnam</b> Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 (215) 568-3100			 _____ NAME		
			<b>32,611</b> _____ REGISTRATION NUMBER		